

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	338	429/129.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S3	69	429/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S4	66	429/138.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S5	67	429/141.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S6	193	429/142.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S7	469	429/144.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S8	286	429/145.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S9	1329	S1 or S3 or S4 or S5 or S6 or S7 or S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:29
S10	56	S9 and "vinylidene fluoride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:39
S11	54	S10 and (base or layers or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:30

S12	4	S11 and ("vinylidene fluoride" same ("MW" or "molecular weight"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:40
S13	53300	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:39
S14	42736	S13 and (battery or cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:39
S15	1129	S14 and "vinylidene fluoride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:39
S16	37	S15 and ("vinylidene fluoride" adj10 (separator or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:40
S17	366	S15 and ("vinylidene fluoride" same (separator or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:40
S18	61	S17 and ("vinylidene fluoride" same ("MW" or "molecular weight"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:41
S19	58	S18 and (thick or thickness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:41
S20	48	S19 and (pore or porous or porosity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:41

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	53300	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:41
L9	366	8 and ("vinylidene fluoride" same (separator or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:41
L10	307	9 and (thick or thickness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:42
L11	272	10 and (pore or porous or porosity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:42
L12	219	11 and ((thick or thickness) same (separator or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:45
L13	210	12 and ((pore or porous or porosity) same (separator or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:42
L14	0	13 and (Gurely same (membrane or separator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:46
L15	7	13 and (Gurley same (membrane or separator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:46
L16	7	13 and (Gurley same (membrane or separator or film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:52
L17	75	13 and (permeability same (membrane or separator or film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:52

L18	53300	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:37
L19	42736	L18 and (battery or cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:37
L20	1129	L19 and "vinylidene fluoride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:37
L21	37	L20 and ("vinylidene fluoride" adj10 (separator or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:37
L22	338	429/129.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
L23	69	429/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
L24	66	429/138.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
L25	67	429/141.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
L26	193	429/142.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
L27	469	429/144.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38

L28	286	429/145.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
L29	1329	L22 or L23 or L24 or L25 or L26 or L27 or L28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
L30	56	L29 and "vinylidene fluoride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
L31	54	L30 and (base or layers or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:40
L32	53300	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:40
L33	1049	32 and ((separator or film or membrane) same ("vinylidene fluoride" or PVdF or PVF or "polyvinylidene difluoride"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:41
L34	742	33 and ((separator or film or membrane) same (ply or plies or multi\$4 or layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:42
L35	553	34 and ((pore or porous or porosity) same (separator or membrane or film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:42
L36	159	35 and (("MW" or "molecular weight") same (separator or membrane or film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:43
L37	152	36 and ((thick or thickness) same (separator or membrane or film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:43

S1	338	429/129.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S3	69	429/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S4	66	429/138.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S5	67	429/141.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S6	193	429/142.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S7	469	429/144.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S8	286	429/145.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S9	1329	S1 or S3 or S4 or S5 or S6 or S7 or S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:29
S10	56	S9 and "vinylidene fluoride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:39
S11	54	S10 and (base or layers or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38

S12	4	S11 and ("vinylidene fluoride" same ("MW" or "molecular weight"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:40
S13	53300	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:41
S14	42736	S13 and (battery or cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:39
S15	1129	S14 and "vinylidene fluoride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:39
S16	37	S15 and ("vinylidene fluoride" adj10 (separator or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:36
S17	366	S15 and ("vinylidene fluoride" same (separator or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:41
S18	61	S17 and ("vinylidene fluoride" same ("MW" or "molecular weight"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:41
S19	58	S18 and (thick or thickness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:42
S20	48	S19 and (pore or porous or porosity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:42

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S3	69	429/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S4	66	429/138.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S5	67	429/141.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S6	193	429/142.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S7	469	429/144.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S8	286	429/145.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:28
S9	1329	S1 or S3 or S4 or S5 or S6 or S7 or S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:29
S10	56	S9 and "vinylidene fluoride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:39
S11	54	S10 and (base or layers or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38



S12	4	S11 and ("vinylidene fluoride" same ("MW" or "molecular weight"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:40
S13	53300	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:41
S14	42736	S13 and (battery or cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:39
S15	1129	S14 and "vinylidene fluoride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:39
S16	37	S15 and ("vinylidene fluoride" adj10 (separator or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:36
S17	366	S15 and ("vinylidene fluoride" same (separator or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:41
S18	61	S17 and ("vinylidene fluoride" same ("MW" or "molecular weight"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 16:41
S19	58	S18 and (thick or thickness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:42
S20	48	S19 and (pore or porous or porosity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:42
S21	53300	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:41

S22	366	S21 and ("vinylidene fluoride" same (separator or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:41
S23	307	S22 and (thick or thickness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:42
S24	272	S23 and (pore or porous or porosity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:42
S25	219	S24 and ((thick or thickness) same (separator or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:45
S26	210	S25 and ((pore or porous or porosity) same (separator or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:42
S27	0	S26 and (Gurely same (membrane or separator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:46
S28	7	S26 and (Gurley same (membrane or separator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:46
S29	7	S26 and (Gurley same (membrane or separator or film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 18:52
S30	75	S26 and (permeability same (membrane or separator or film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 20:57
S31	53300	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:37

S32	42736	S31 and (battery or cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:37
S33	1129	S32 and "vinylidene fluoride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:37
S34	37	S33 and ("vinylidene fluoride" adj10 (separator or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:37
S35	338	429/129.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
S36	69	429/132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
S37	66	429/138.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
S38	67	429/141.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
S39	193	429/142.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
S40	469	429/144.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
S41	286	429/145.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38

S42	1329	S35 or S36 or S37 or S38 or S39 or S40 or S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
S43	56	S42 and "vinylidene fluoride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:38
S44	54	S43 and (base or layers or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:40
S45	53300	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:40
S46	1049	S45 and ((separator or film or membrane) same ("vinylidene fluoride" or PVdF or PVF or "polyvinylidene difluoride"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:41
S47	742	S46 and ((separator or film or membrane) same (ply or plies or multi\$4 or layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:42
S48	553	S47 and ((pore or porous or porosity) same (separator or membrane or film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:42
S49	159	S48 and (("MW" or "molecular weight") same (separator or membrane or film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:43
S50	152	S49 and ((thick or thickness) same (separator or membrane or film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 19:43
S51	43	S30 and porosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 20:57